## SEQUENCE LISTING

<110> Aya Jakobovits
 Daniel E.H. Afar
 Pia M. Challita-Eid
 Elana Levin
 Steve Chappell Mitchell
 Rene S. Hubert

<120> 84P2A9: PROSTATE AND TESTIS SPECIFIC
PROTEIN HIGHLY EXPRESSED IN PROSTATE CANCER

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<213> Homo Sapiens

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ggagctccag	cagccgggaa	cagctggcat	ttcagtagaa	cc atg gag	gag ctg	174
				Met Glu	Glu Leu	
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1

_	-	_		_	_	_	 _		_	cga Arg	222
5			10				15			20	

ggt gga ttt gct gaa aca gga gac cat tct cga agt ata tct tgc cct
Gly Gly Phe Ala Glu Thr Gly Asp His Ser Arg Ser Ile Ser Cys Pro

ctg aaa cgc cag gca agg aaa agg aga ggg aga aaa cgg agg tcg tat 318 Leu Lys Arg Gln Ala Arg Lys Arg Gly Arg Lys Arg Arg Ser Tyr

aat gtg cat cac ccg tgg gag act ggt cac tgc tta agt gaa ggc tct
Asn Val His His Pro Trp Glu Thr Gly His Cys Leu Ser Glu Gly Ser

60
65

gat tot agt tta gaa gaa coa ago aag gao tat aga gag aat cac aat

Asp Ser Ser Leu Glu Glu Pro Ser Lys Asp Tyr Arg Glu Asn His Asn

70

80

aat aat aaa aaa gat cac agt gac tct gat gac caa atg tta gta gca
Asn Asn Lys Lys Asp His Ser Asp Ser Asp Gln Met Leu Val Ala
85 90 95 100

aag cgc agg ccg tca tca aac tta aat aat gtt cga ggg aaa aga 510 Lys Arg Arg Pro Ser Ser Asn Leu Asn Asn Asn Val Arg Gly Lys Arg 105 110 115

*																
						gat Asp										558
	_	-			_	aag Lys	_		-	_	-	-	-			606
						cgg Arg 155		_		_					-	654
	-	_	_	_	_	agt Ser	-	-	_		_			_		702
						aaa Lys										750
						gga Gly										798
			_	_		atg Met	_	_	_				_		_	846
				-	_	gat Asp 235		-	-		_			_	_	894
gga Gly 245	ttg Leu	ttt Phe	acc Thr	aat Asn	gat Asp 250	gag Glu	gga Gly	aga Arg	caa Gln	ggt Gly 255	gat Asp	gat Asp	gaa Glu	cag Gln	agt Ser 260	942
						gaa Glu										990
						aag Lys										1038
						gaa Glu										1086
						aga Arg 315										1134
						aat Asn										1182
tca Ser	atg Met	gta Val	ccc Pro	att Ile 345	cct Pro	ggc Gly	cca Pro	gtg Val	ggt Gly 350	aac Asn	aag Lys	aga Arg	atg Met	gtt Val 355	cat His	1230
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aga gga cac aag aaa aat tgt tct gtg aga aca gcc agc agg caa aca Arg Gly His Lys Lys Asn Cys Ser Val Arg Thr Ala Ser Arg Gln Thr 390 395 400	1374									
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aaa gct gca cct ttg cct gga cct act act gca gga ttt gta ggt gaa Lys Ala Ala Pro Leu Pro Gly Pro Thr Thr Ala Gly Phe Val Gly Glu 425 430 435	1470									
aat gcc cag cca atc cta gaa aat aat att gga aac cga atg ctt cag Asn Ala Gln Pro Ile Leu Glu Asn Asn Ile Gly Asn Arg Met Leu Gln 440 445 450	1518									
aat atg ggc tgg acg cct ggg tca ggc ctt gga cga gat ggc aag ggg Asn Met Gly Trp Thr Pro Gly Ser Gly Leu Gly Arg Asp Gly Lys Gly 455 460 465	1566									
atc tct gag cca att caa gcc atg cag agg cca aag gga tta gga ctt Ile Ser Glu Pro Ile Gln Ala Met Gln Arg Pro Lys Gly Leu Gly Leu 470 475 480	1614									
gga ttt cct cta cca aaa agt act tcc gca act act acc ccc aat gca Gly Phe Pro Leu Pro Lys Ser Thr Ser Ala Thr Thr Thr Pro Asn Ala 485 490 495 500	1662									
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<212> DNA

<213> Homo Sapiens

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Met Leu Val Ala Lys Arg Arg Pro Ser Ser Asn Leu Asn Asn Asn Val
                        105
Arg Gly Lys Arg Pro Leu Trp His Glu Ser Asp Phe Ala Val Asp Asn
           120
Val Gly Asn Arg Thr Leu Arg Arg Arg Lys Val Lys Arg Met Ala
  130 135 140
Val Asp Leu Pro Gln Asp Ile Ser Asn Lys Arg Thr Met Thr Gln Pro
     150 155 160
Pro Glu Gly Cys Arg Asp Gln Asp Met Asp Ser Asp Arg Ala Tyr Gln
            165 170 175
Tyr Gln Glu Phe Thr Lys Asn Lys Val Lys Lys Arg Lys Leu Lys Ile
                         185
Ile Arg Gln Gly Pro Lys Ile Gln Asp Glu Gly Val Val Leu Glu Ser
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Glu Glu Thr Asn Gln Thr Asn Lys Asp Lys Met Glu Cys Glu Glu Gln
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      215
Lys Val Ser Asp Glu Leu Met Ser Glu Ser Asp Ser Ser Ser Leu Ser
              230
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Ser Thr Asp Ala Gly Leu Phe Thr Asn Asp Glu Gly Arg Gln Gly Asp
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Asp Glu Gln Ser Asp Trp Phe Tyr Glu Lys Glu Ser Gly Gly Ala Cys
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Gly Ile Thr Gly Val Val Pro Trp Trp Glu Lys Glu Asp Pro Thr Glu
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Leu Asp Lys Asn Val Pro Asp Pro Val Phe Glu Ser Ile Leu Thr Gly
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Ser Phe Pro Leu Met Ser His Pro Ser Arg Arg Gly Phe Gln Ala Arg
305 310
                               315
Leu Ser Arg Leu His Gly Met Ser Ser Lys Asn Ile Lys Lys Ser Gly
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Gly Thr Pro Thr Ser Met Val Pro Ile Pro Gly Pro Val Gly Asn Lys
  340 345
Arg Met Val His Phe Ser Pro Asp Ser His His His Asp His Trp Phe
355 360 365
Ser Pro Gly Ala Arg Thr Glu His Asp Gln His Gln Leu Leu Arg Asp
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Asn Arg Ala Glu Arg Gly His Lys Lys Asn Cys Ser Val Arg Thr Ala
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                       395
Ser Arg Gln Thr Ser Met His Leu Gly Ser Leu Cys Thr Gly Asp Ile
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Lys Arg Arg Arg Lys Ala Ala Pro Leu Pro Gly Pro Thr Thr Ala Gly
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Phe Val Gly Glu Asn Ala Gln Pro Ile Leu Glu Asn Asn Ile Gly Asn
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Arg Met Leu Gln Asn Met Gly Trp Thr Pro Gly Ser Gly Leu Gly Arg
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Asp Gly Lys Gly Ile Ser Glu Pro Ile Gln Ala Met Gln Arg Pro Lys
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